Armaan S. Johal

Interested in interdisciplinary projects utilizing technology for making a positive impact in the world.

- ◉ Quick Learner
- ◉ Efficient Collaborator
- ◉ Experienced Programmer
- ◉ Engaging Leader

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EXPERIENCE

The Academy-X Club, Moraga — *Founder and President*

JUNE 2017 - PRESENT

◉ Lead group design and implementation of solutions to global issues. Currently run a monthly lecture series and manage 50+ students in event coordination.

◉ Project manager for projects utilizing arduino sensors, linux software, and electrical wiring components. (Click Youtube icon above)

UCSF BDRAD Group, SF Bay Area — *Intern*

APRIL 2019 - SEPTEMBER 2019

◉ Spearheaded group discussions with grad/PhD students - CS in Medicine

◉ Conducted an independent research project which used Artificial Intelligence to improve MRI prediction accuracy in mammograms w/ tensorflow and python.

Auxiliary Development Solutions, Moraga — *iOS Developer*

APRIL 2019 - SEPTEMBER 2019

◉ Designed and developed an iPhone app for disaster relief

◉ The app downloads a user's latitude/longitude coordinates and transmits them via the speaker and flashlight for cellular-free SOS communication.

EDUCATION

Campolindo High School, Moraga — GPA: 4.38

AUGUST 2016 - PRESENT (Senior)

- ◉ 99th+ percentile nationally in standardized test scores (SAT, PSAT, AP)
- ◉ Lead largest student-run club on campus (Academy-X Club)
- ◉ Varsity Water Polo (State Champions x2), Robotics Club, French Horn
- ◉ Official Campolindo Peer Tutor with specialization in CS and Chemistry

PROJECTS

Financial Analysis with Python — *DCF Model*

Downloading, analyzing, and valuing public companies on NYSE & NASDAQ using DCF models and market correlation factors. Runs automatically using Python.

SKILLS

◉ Computer Programming: Proficient in Python, Java, C++, Swift.

◉ Experience with Microsoft Office, Adobe Suite, and G-Suite.

◉ Video editing, production, and animation

◉ Financial Analysis using Excel and Python.

AWARDS

2020 Elks Most Valuable Student Semi-Finalist (1 of 500 nationally)

2020 Merlone Scholarship Recipient (given to the top 5 students in high school)

2019 FIRST Robotics National Dean's List Semi-Finalist (Robotics leadership)

AP Scholar with Distinction & National Merit Commended Scholar

USA Water Polo Academic All-American and Junior Olympian

TaeKwonDo Black Belt (Stanford Gold Medal)

LANGUAGES

English, Spanish, Punjabi